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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/760,206

01/21/2004

Kia Silverbrook

RRA21US

1340

24011

7590

11/14/2005

SILVERBROOK RESEARCH PTY LTD  
393 DARLING STREET  
BALMAIN, 2041  
AUSTRALIA

EXAMINER

GARCIA JR, RENE

ART UNIT

PAPER NUMBER

2853

DATE MAILED: 11/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/760,206	SILVERBROOK, KIA	
	<b>Examiner</b>	<b>Art Unit</b>	
	Rene Garcia, Jr.	2853	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 July 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. ____.  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>08 November 2004</u> .  | 6) <input type="checkbox"/> Other: ____.                                    |

## DETAILED ACTION

### *Specification*

1. The disclosure is objected to because of the following informalities: Page 9 line 7 makes reference to silicon wafer substrate "801", perhaps mean "8015".

Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1 and 4 are rejected under 35 U.S.C. 102(b) as being anticipated by Komplin et al. (US 6,199,977).

**Komplin et al. disclose the following claimed limitations:**

- \*regarding claim 1, inkjet printer system including: (col. 1, lines 31-32)
- \*plurality of inkjet printer cartridges/ink cartridge, 12/ (fig. 2; col. 2, line 67)
- \*number of inkjet printer cradles/cartridge slots; 134, 136, 138, 140/ each including a body defining a recess and arranged to receive and operate each of a set of supported inkjet printer cartridges/12/ of the plurality of inkjet printer cartridges/12/ (fig. 5; col. 6, lines 33-51)
- \*inkjet cartridges/12/ of said plurality not belonging to the set of supported inkjet printer cartridges/12/, in respect of a particular one of said number of inkjet printer cradles/cartridge slots; 134, 136, 138, 140/, are shaped to prevent their reception into the recess of said particular inkjet printer cradle/cartridge slots; 134, 136, 138, 140/ (fig. 5; col. 6, lines 42-51)

\*regarding claim 4, inkjet printer cartridge/**ink cartridge, 12/** not supported by a particular inkjet printer cradle/**cartridge slots; 134, 136, 138, 140/** is formed with a protrusion, or an indentation,/**keying member, 50/** that interferes with an indentation, or a protrusion, of the particular inkjet printer cradle/**cartridge slots; 134, 136, 138, 140/** upon attempting to insert said cartridge/**12/** into said cradle/**cartridge slots; 134, 136, 138, 140/** (fig. 5, col. 6, lines 42-51)

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Komplin et al. (US 6,199,977) in view of Waller et al. (US 6,250,738).

**Komplin et al. disclose all of the claimed limitation except for the following:**

\*regarding claim 2, inkjet printer cartridges are of a type having a pagewidth printhead

\*regarding claim 3, inkjet printer cartridges are of a type having an internal ink store in fluid communication with the pagewidth printhead

**Waller et al. disclose the following:**

\*regarding claim 2, inkjet printer cartridges are of a type having a pagewidth printhead/**page-wide-array printhead/** (col. 1, line 56) (fig. 1; includes inkjet printhead assembly/**12/**, ink supply assembly/**14/**, and mounting assembly/**16/**) for the purpose of printing one or more lines at a time.

Art Unit: 2853

\*regarding claim 3, inkjet printer cartridges are of a type having an internal ink store/**reservoir, 15/** in fluid communication with the pagewidth printhead/**page-wide-array printhead/** (col. 4, lines 10-17) for the purpose of printing one or more lines at a time.

It would have been obvious at the time the invention was made to a person having ordinary skill in the art to utilize inkjet printer cartridges are of a type having a pagewidth printhead; and inkjet printer cartridges are of a type having an internal ink store in fluid communication with the pagewidth printhead as taught by Waller et al. into Komplin et al. for the purpose of printing one or more lines at a time.

6. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Komplin et al. (US 6,199,977) in view of Carrese et al. (US 6,390,615).

**Komplin et al. disclose all of the claimed limitation except for the following:**

\*regarding claim 5, indicia are present on the inkjet printer cartridges and on the inkjet printer cradles to indicate whether a particular inkjet printer cartridge is supported by a particular inkjet printer cradle

**Carrese et al. disclose the following:**

\*regarding claim 5, indicia/**colored indicia/** are present on the inkjet printer cartridges/**ink tank, 200/** and on the inkjet printer cradles/**ink tank support structure, 100/** to indicate whether a particular inkjet printer cartridge/**ink tank, 200/** is supported by a particular inkjet printer cradle/**ink tank support structure, 100/** (col. 6, lines 39-54)

It would have been obvious at the time the invention was made to a person having ordinary skill in the art to indicia are present on the inkjet printer cartridges and on the inkjet printer cradles to indicate whether a particular inkjet printer cartridge is supported by a particular

Art Unit: 2853

inkjet printer cradle as taught by Carrese et al. into Komplin et al. for the purpose of helping the user put an appropriate tank into the correct location.


*Conclusion*

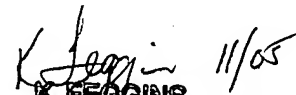
7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Lattuca et al. (US 2001/0048453) disclose an ink cartridge body with replaceable (refill) cartridges to mate in a complimentary manner to respective cartridges.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rene Garcia, Jr. whose telephone number is (571) 272-5980. The examiner can normally be reached on M-F 8:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen D. Meier can be reached on (571) 272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Rene Garcia Jr.  
01 November 2005

 11/05  
K. FEGGINS  
PRIMARY EXAMINER